

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CH2004/000384

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E04C3/00 E01D15/20 E04C3/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E04C E01D E04H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/73245 A (PEDRETTI MAURO) 4 October 2001 (2001-10-04)	1,3,5, 9-11,14, 16,17 12,13
Y	page 6, line 27 - line 30; figures -----	
Y	US 5 677 023 A (BROWN GLEN J) 14 October 1997 (1997-10-14) the whole document	12
Y	WO 03/016634 A (PROSPECTIVE CONCEPTS AG ; TO FREDERICK E (GB)) 27 February 2003 (2003-02-27) page 2, line 14 - page 2, line 38 figures 1,2	13
X	US 3 894 307 A (DELAMARE GUY ROBERT) 15 July 1975 (1975-07-15) cited in the application the whole document	1,2, 5-10,16, 17

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

6 September 2004

Date of mailing of the international search report

10/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Demeester, J

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/CH2004/000384

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0173245	A	04-10-2001	AU 3147101 A	08-10-2001
			BR 0105386 A	26-02-2002
			CA 2374645 A1	04-10-2001
			WO 0173245 A1	04-10-2001
			CN 1365416 T	21-08-2002
			EP 1210489 A1	05-06-2002
			JP 2003529006 T	30-09-2003
			NZ 515020 A	25-10-2002
			US 2002157322 A1	31-10-2002
			ZA 200108237 A	12-06-2002
US 5677023	A	14-10-1997	NONE	
WO 03016634	A	27-02-2003	CA 2454241 A1	27-02-2003
			WO 03016634 A1	27-02-2003
			EP 1409791 A1	21-04-2004
US 3894307	A	15-07-1975	FR 2229814 A1	13-12-1974
			BE 814902 A1	02-09-1974
			DE 2423865 A1	05-12-1974
			ES 426331 A1	01-07-1976
			GB 1471432 A	27-04-1977
			IT 1012406 B	10-03-1977
			JP 50158120 A	20-12-1975
			NL 7406325 A	19-11-1974